

iSTAR Pro 2U Rack Mount

Rack-mountable access controller

Features That Make a Difference:

- Saves wall space and lowers installation costs
- Leverages standard IT server racks
- Controls up to 16 readers using space-saving 2U enclosure
- Patent-pending design allows fast field wiring using quick connects
- Front panel LCD and LEDs enable quick diagnostics and troubleshooting
- Industrial handles and slide rails ensure easy installation
- Hinged cover provides easy access to diagnostic port
- Dual network LAN ports for redundant network connection
- Compatible with C•CURE® 800/8000 and C•CURE 9000
- Optional external 2U rack power supply can provide lock power
- Supports multiple cards per cardholder and multiple card formats, including FIPS 201 extended formats, for a highly secure, flexible solution



The space-saving Software House® iSTAR Pro 2U Rack Mount controls up to 16 readers and supports most types of Wiegand and RM output card readers. Coupled with removable wire connectors that enable quick installation, iSTAR Pro Rack Mount reduces the space requirements and costs associated with installing a panel on the wall, making it a desirable solution for IT professionals.

The patent-pending rack design allows administrators to centrally install and monitor the panel in a standard depth 4-post IT rack or a standard 2-post Telco rack, saving valuable wall space. When used with an external 2U lock power supply that requires minimal wiring, installation costs are further reduced while taking advantage of the controlled environment of an IT server room. The stable temperature and ideal environmental conditions of the IT server room help to preserve the life of the unit, thereby saving maintenance and replacement costs over the long term.

iSTAR Pro Rack Mount supports Dynamic Host Configuration Protocol (DHCP) to simplify and expedite installation. For easy setup, this device also supports Domain Name Services (DNS), Windows Internet Naming Service (WINS), Fully Qualified Domain Naming (FQDN), and provides a comprehensive approach to network management.

A front panel LCD displays real-time system diagnostics for quick troubleshooting. LED status lights indicate power and high temperature. With external diagnostics and status lights, administrators and IT staff can view and easily handle system duress without having to open the enclosure. These security features significantly reduce the risk of system downtime and, with remote web diagnostics, you can find and fix performance issues remotely from anywhere in your facility.

Each controller has front and rear tamper switches to ensure it is not accessed by unauthorized personnel. With encrypted communications, protection against network intrusion, dual network paths, and optional dial-up secondary communications, iSTAR Pro Rack Mount is a highly secure network device that even the most cautious IT manager will trust.

Physical

Dimensions (H x W x D)	8.9 x 48.3 x 58.4 cm (3.5 x 19.0 x 23.0 in)
Rack Space Requirements	2U (standard rack units)
Environmental	0° to 50°C (32° to 122°F) 5 to 95% relative humidity, non-condensing
Weight	15 kg (33 lbs)
High Temperature Alarm	60° +/- 6°C (140° +/- 10°F)

Electrical

Power Requirements	90/264 VAC, 50/60 Hz
Input Protection	4A/250V fuse
Power (Max)	75W
Heat Dissipation (Typical)	320 BTU/h
Memory and RTC Backup	Onboard, rechargeable NimH batteries provide minimum 12 hrs retention of RAM and RTC
Network Communications	10/Base-T Ethernet onboard
Second LAN Port	Using optional 10/100 PCMCIA network card

Indicators and Switches

LED for power, high temp
LCD for diagnostics

System Memory

64 MB RAM standard; expandable to 128 MB

Regulatory

Tested and certified by ETL per ANSI/UL standard 294-2004
CE
FCC Part 15 Class B
RoHS
Power supply certified to CSA C22.2 No. 60950-1-03

	Controller Capacity 64 MB	Controller Capacity 128 MB
Number of personnel records with one clearance, one card/person, ten-digit cards	525,000	1,200,000
Number of personnel records with ten clearances, one card/person, ten-digit cards	295,000	680,000
Number of personnel records with one clearance, five cards/person, ten-digit cards	170,000	375,000
Number of personnel records with ten clearances, five cards/person, 40-digit cards	110,000	250,000

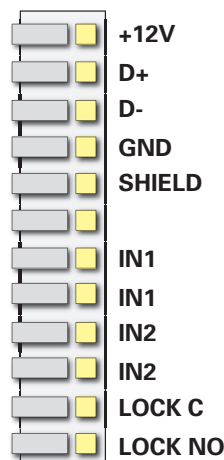
Reader, Inputs and Outputs

Reader Ports	16
Reader Support	RM readers or RM reader modules, or Wiegand output readers
Reader Technologies Supported	<ul style="list-style-type: none"> Multi-Technology Smart Card Magnetic Stripe Proximity Wiegand
Maximum Distance to Door	RM: 1,219 m (4,000 ft) Wiegand: 150 m (500 ft)
RM Bus Communications	RS-485 half duplex, two wire, plus optional two wires for device power
Supervised Inputs	32, double-resistor
Input Expansion	Up to 128 additional inputs using I8 input modules on RM bus
Outputs	16 dry contact relay outputs
Output Rating	30 V AC/DC, 2.5A inductive, 5.0A non-inductive
Output Expansion	Up to 128 additional Form C Relay outputs using R8 output modules on RM bus
Tamper Switches	Two, front and rear cover

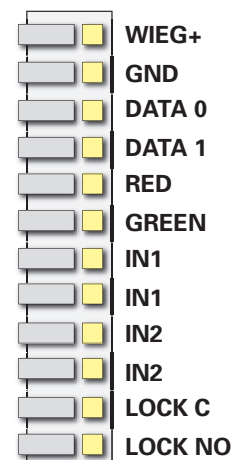
Model Numbers

STAR008-2URM	iSTAR Pro 2U Rack Mount, supports eight RM readers (16 inputs and eight outputs included)
STAR016-2URM	iSTAR Pro 2U Rack Mount, supports 16 RM readers (32 inputs and 16 outputs included)
STAR008-2UW	iSTAR Pro 2U Rack Mount, supports eight Wiegand readers (16 inputs and eight outputs included)
STAR016-2UW	iSTAR Pro 2U Rack Mount, supports 16 Wiegand readers (32 inputs and 16 outputs included)

Typical Rear Wiring per Door, RM Models



Typical Rear Wiring per Door, Wiegand Models



Product offerings and specifications are subject to change without notice. Actual products may vary from photos. Not all products include all features. Availability varies by region; contact your sales representative. Certain product names mentioned herein may be trade names and/or registered trademarks of other companies.

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